



Scope & Sequence: *A Butterfly's Life*

Lesson 1: Air Caterpillars Need Care

- Prepare the classroom for the arrival of caterpillars.
- Express prior knowledge of caterpillars, butterflies, and other insects.
- Observe, record, draw, and communicate about the structure and growth of caterpillars.
- Make a caterpillar model.
- Predict changes that the caterpillars will undergo.
- Understand how people use science to improve and help society.

Lesson 2: Caterpillars Are Part of a Life Cycle

*This Lesson includes a Checkpoint Assessment and Discussion.

- Observe and record the behaviors of caterpillars.
- Observe the behavior of a chrysalis and make predictions about its fate.
- Observe, record, and communicate about the emergence of a butterfly.
- Create a butterfly house.
- Compare and contrast all aspects of caterpillar biology with that of a butterfly.
- Understand how people use science to improve and help society.

Lesson 3: A Butterfly Is an Adult Insect

- Observe, record, and communicate about the structure and behavior of a butterfly over its life span.
- Illustrate and label the phases in the life cycle of a butterfly.
- Compare and contrast butterflies and human beings.
- Use information gained studying butterflies to answer questions regarding the life cycle of butterflies.
- Understand how people use science to improve and help society.

Lesson 4: All Living Things Have Life Cycles (3 days)

- Compare the early and adult stages of the life cycles of various organisms.
- Identify the characteristics of insects and name their major body parts and those parts' functions.
- Compare and contrast the life cycles of living organisms, including humans, and tell what they have in common.
- Understand how people use science to improve and help society.